

**Substitution/Grant of Attorney by Assignee with Statement Under 37 CFR 3.73(b)
And Change of Correspondence Address**

Activision Publishing, Inc., a Delaware Corporation, having a principal place of business at 3100 Ocean Park Blvd., Santa Monica, California 90405-3032 (Assignee), is the assignee of the entire interest in the below listed United States patents and patent applications by virtue of the Assignments from the inventor(s) or the chains of title from the inventor(s) to the current assignee, as the case may be, of the United States patents and patent applications listed in the following Table, as recorded at the Identified Reels/Frames in the records of the United States Patent and Trademark Office.

The undersigned Assignee for the below listed United States patents and patent applications hereby revokes all previous powers of attorneys, if any, and appoints the practitioners associated with

CUSTOMER NUMBER 22145

To prosecute the below listed patents and patent applications and any subsequent or prior applications based on the disclosure of these applications, including all continuations and divisional thereof, and any reexaminations or reissues of any patents issuing from such applications or of any of the below listed patents, and to transact all business before or with the United States Patent and Trademark Office in connection with these patent applications and any subsequent or prior applications, patents and reexaminations or reissues.

The undersigned (whose title is supplied below) is authorized to act on behalf of the Assignee with respect to the below listed patents and patent applications.

Please direct all correspondence to **CUSTOMER NUMBER 22145**. Direct all phone calls to Daniel M. Cavanagh at 949-955-1920, Klein, O'Neill & Singh, LLP, 18200 Von Karman Ave., Suite 725, Irvine, CA 92612.

Patent No.	Issue Date	From	To	Recorded	Reel/Frame
6,184,899	02/06/2001	Akemann, Peter	Treyarch Invention, LLC	03/31/1997	008745/0330
		Treyarch Invention, LLC	Activision Publishing, Inc.	08/25/2006	018171/0396
6,263,392	07/17/2001	McCauley, Jack	Activision Publishing, Inc.	09/14/2006	018247/0572
6,287,198	09/11/2001	McCauley, Jack	Activision Publishing, Inc.	09/14/2006	018247/0572
6,288,727 (which is a continuation of 6,184,899)	09/11/2001	Akemann, Peter	Treyarch Invention, LLC	01/27/2011	025708/0147
		Treyarch invention, LLC	Activision Publishing, Inc.	08/25/2006	018171/0396
6,894,693	05/17/2005	Nash, Reuel W.	Intrinsic Graphics Inc.	02/11/2002	012591/0508
		Intrinsic Graphics, Inc.	Sherwood Partners, Inc.	07/07/2003	014229/0787
		Sherwood Partners Inc.	Vicarious Visions Inc.	07/15/2003	014262/0797
		Vicarious Visions, Inc.	Activision Publishing, Inc.	06/13/2006	017766/0947
6,995,765	02/07/2006	Boudier, Pierre S.	Intrinsic Graphics, Inc.	07/13/2001	011985/0872
		Intrinsic Graphics, Inc.	Sherwood Partners, Inc.	04/29/2005	015963/0799
		Sherwood Partners, Inc.	Vicarious Visions, Inc.	04/15/2005	015904/0974
		Vicarious Visions, Inc.	Activision Publishing, Inc.	06/13/2006	017766/0947
7,027,046	04/11/2006	Zhang, Hansong	Intrinsic Graphics, Inc.	08/08/2001	012065/0386
		Intrinsic Graphics, Inc.	Sherwood Partners, Inc.	04/29/2005	015963/0799
		Sherwood Partners, Inc.	Vicarious Visions, Inc.	04/15/2005	015904/0974
		Vicarious Visions, Inc.	Activision Publishing, Inc.	06/13/2006	017766/0947
7,098,921	08/29/2006	Nash Reuel William; Young, Mark Allan; Labarre, Charles	Intrinsic Graphics, Inc.	07/16/2001	011993/0377
		Intrinsic Graphics, Inc.	Sherwood Partners, Inc.	04/29/2005	015963/0799
		Sherwood Partners, Inc.	Vicarious Visions, Inc.	04/15/2005	015904/0974
		Vicarious Visions, Inc.	Activision Publishing, Inc.	06/13/2006	017766/0947

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7,103,873	09/05/2006	Tanner, Christopher C.; Arnaud, Remi; Jones, Michael T.; Webb, Richard D.; McClendon, Brian	Intrinsic Graphics, Inc.	05/03/2001	011766/0092
		Intrinsic Graphics, Inc.	Sherwood Partners, Inc.	04/29/2005	015963/0799
		Sherwood Partners, Inc.	Vicarious Visions, Inc.	04/15/2005	015904/0974
		Vicarious Visions, Inc.	Activision Publishing, Inc.	06/13/2006	017766/0947
7,435,178	10/14/2008	Tam, Johnnie; Yang, Jamie Jien-Mei	Redoctane, Inc.	05/18/2006	017653/0908
		Redoctane, Inc.	Activision Publishing, Inc.	12/01/2006	018574/0950
		Lange, Ted; Yao, John	Activision Publishing, Inc.	04/30/2008	020878/0531
D588,639	03/17/2009	Guinchard, Lee; Lam, Lee Yat; On, Chan Yuk; Withers, Stephen N.; Bala, Karthik	Activision Publishing, Inc.	09/09/2008	021504/0659
D606,594	12/22/2009	Guinchard, Lee; Withers, Stephen N.; Lam, Lee Yat	Activision Publishing, Inc.	01/26/2011	025703/0527
D607,945	01/12/2010	Guinchard, Lee; Withers, Stephen N.; Lam, Lee Yat	Activision Publishing, Inc.	01/26/2011	025702/0305
D610,625	02/23/2010	Guinchard, Lee; Lam, Lee Yat; On, Chan Yuk; Withers, Stephen N.;	Activision Publishing, Inc.	09/16/2008	021534/0656
7,707,012	04/27/2010	Stephens, Adrian	Activision, Inc.	06/22/2004	014764/0719
7,754,961	07/13/2010	Yang, Jamie Jian-Mei; Tam, Johnnie	Redoctane, Inc.	05/18/2006	017646/0931
		Redoctane, Inc.	Activision Publishing, Inc.	12/01/2006	018574/0950
7,775,884	08/17/2010	McCauley, Jack	Activision Publishing, Inc.	09/14/2006	018247/0572

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D624,129	09/21/2010	Lim, Wai-Loong; Schnakenberg, George H. F., III; Engstrom, Cendru; Guinchard, Lee; Withers, Stephen N.	Activision Publishing, Inc.	09/25/2009	023287/0515
D626,962	11/09/2010	Guinchard, Lee; Lam, Lee Yat; On, Chan Yuk	Activision Publishing, Inc.	01/26/2011	025702/0341
D627,354	11/16/2010	Guinchard, Lee; On, Chan Yuk; Withers, Stephen N. Wigfield, Neil; Osbourne, David; Jackson, Jamie; Hindle, Phillip	Activision Publishing, Inc.	01/14/2101	023783/0206
D632,293	02/08/2011	Withers, Stephen N.	Activision Publishing, Inc.	09/27/2007	019891/0684
D632,340	02/08/2011	Guinchard, Lee; Lam, Lee Yat; On, Chan Yuk; Withers, Stephen N.	Activision Publishing, Inc.	01/26/2011	025702/0328
D632,341 (which is a divisional of D624,129)	02/08/2011	Lim, Wai-Loong; Schnakenberg, George H. F., III; Engstrom, Cendru; Guinchard, Lee; Withers, Stephen N.	Activision Publishing, Inc.	10/20/2010	025166/0055
7,973,234 (which is a continuation of 7,754,961)	07/05/2011	Yang, Jamie Jien-Mei; Tam, Johnnie	Redoctane, Inc.	05/13/2010	024379/0034
		Redoctane, Inc.	Activision Publishing, Inc.	05/13/2010	024379/0070
D641,366 (which is a divisional of 29/288,402)	07/12/2011	Withers, Stephen N.	Activision Publishing, Inc.	01/26/2011	025702/0391
D635,615	04/05/2011	Foster, Gregory J.; Sheldon, Robert W.; Llanes, Ron; Lee, Chunlun	Activision Publishing, Inc.	01/27/2011	025708/0164

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D645,910 (which is a continuation of 29/351,196)	09/27/2011	Foster, Gregory J.; Sheldon, Robert W.; Llanes, Ron; Lee, Chunlun	Activision Publishing, Inc.	01/27/2011	025708/0180
D646,274	10/04/2011	Lim, Wai-Loong; Schnakenberg, George, III	Activision Publishing, Inc.	09/28/2010	025056/0599
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10/836,468	04/30/2004	McCauley, Jack	Activision Publishing, Inc.	09/14/2006	018247/0572
11/516,176 (which is a continuation of PAT 7,103,873)	09/05/2006	Tanner, Christopher C.; Arnaud, Remi; Jones, Michael T.; Webb, Richard D.; McClendon, Brian	Intrinsic Graphics, Inc.	01/27/2011	025708/0213
		Intrinsic Graphics, Inc.	Sherwood Partners, Inc.	01/27/2011	025708/0217
		Sherwood Partners, Inc.	Vicarious Visions, Inc.	01/27/2011	025708/0245
		Vicarious Visions, Inc.	Activision Publishing, Inc.	01/27/2011	025708/0253
11/864,785	09/28/2007	Oberg, Gregory Keith; Booth, Jesse Nathaniel	Activision Publishing, Inc.	12/07/2007	020211/0615
11/967,962	12/31/2007	Nelson, Dan; Kutcher, Ben; Pierson, Cody; Findley, Chad	Activision Publishing, Inc.	03/19/2008	020674/0929
11/967,969	12/31/2007	Oberg, Gregory Keith; Booth, Jesse Nathaniel	Activision Publishing, Inc.	02/22/2008	020548/0725
11/968,587	01/02/2008	Oberg, Gregory Keith; Booth, Jesse Nathaniel	Activision Publishing, Inc.	02/22/2008	020548/0754
12/014,723	01/15/2008	Chen, Travis Andrew; Flores, Alan Luis	Activision Publishing, Inc.	02/19/2008	020529/0587

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12/020,465	01/25/2008	Guinchard, Lee; Withers, Stephen N.; Chan, Jared	Activision Publishing, Inc.	09/12/2008	021525/0855
12/103,663	04/15/2008	Flores, Alan; Robinson, Paul J.; Devecka, John	Activision Publishing, Inc.	06/17/2008	021107/0622
12/103,675	04/15/2008	Guinchard, Lee; Chen, Travis; Bright, Brian; Wen, Clark; Chrzanowski, Michael	Activision Publishing, Inc.	09/17/2008	021543/0247
12/103,702	04/15/2008	Bright, Brian; Chen, Travis; Wen, Clark; Pease, Scott; Pease, Joe; Devecka, John; Chrzanowski, Michael	Activision Publishing, Inc.	08/19/2008	021408/0417
12/103,703	04/15/2008	McCauley, Jack J.; Bright, Brian; Devecka, John; Vandenberghe, Jason	Activision Publishing, Inc.	07/31/2008	021325/0887
12/115,469	05/05/2008	Bright, Brian; Pugh, Gavin; Scandrett, Stuart	Activision Publishing, Inc.	06/17/2008	021107/0549
12/124,112	05/20/2008	McCauley, Jack J.; Bright, Brian; Devecka, John	Activision Publishing, Inc.	06/17/2008	021108/0432
12/136,563	06/10/2008	Oberg, Gregory Keith; Booth, Jesse Nathaniel	Activision Publishing, Inc.	07/31/2008	021325/0903
12/137,489	06/11/2008	Oberg, Gregory Keith; Russo, Jeremy	Activision Publishing, Inc.	07/31/2008	021325/0911
12/172,927	07/14/2008	Chrzanowski, Michael J., Jr.; Hilliker, Jonathan L.; Gallerani, Robert L.	Activision Publishing, Inc.	08/19/2008	021408/0625
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12/390,402	02/20/2009	Dwyer, Patrick; Ehrlich, Nick; Knowles, Matt; Krager, Scott; Sen, Arnab; Tibbetts, David M.; Tsui, Joshua; Sauerbrei, Peter J.	Activision Publishing, Inc.	05/28/2009	022750/0365
12/390,404	02/20/2009	Coppard, Nathan; Guinchard, Lee; Hindle, Phillip; Lam, Lee Yat; On, Chan Yuk; Osbourne, David; Wigfield, Neil; Withers, Stephen N.	Activision Publishing, Inc.	07/08/2009	022931/0191
12/416,863	04/01/2009	Bala, Karthik	Activision Publishing, Inc.	01/12/2010	023770/0577
12/510,907	07/28/2009	Reiche, Paul, III	Activision Publishing, Inc.	10/21/2009	023404/0399
12/511,931	07/29/2009	Bright, Brian; Chrzanowski, Michael J., Jr.; Hilliker, Jonathan L.	Activision Publishing, Inc.	09/25/2009	023287/0421
12/607,057	10/27/2009	Reiche, Paul, III	Activision Publishing, Inc.	01/11/2010	023761/0772
12/625,446	11/24/2009	Sauerbrei, Peter J.; Dwyer, Patrick; Sen, Arnab; Tibbetts, David M.	Activision Publishing, Inc.	05/10/2010	024359/0948
12/774,670	05/05/2010	Robinson, Paul; Nelson, Dan; Bright, Brian	Activision Publishing, Inc.	05/21/2010	024425/0521
12/886,306	09/20/2010	Bala, Karthik; Reine, John	Activision Publishing, Inc.	01/05/2011	025588/0611

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29/384,601	02/01/2011	Augustin, Casimero, Jr.; Kelly, Patrick; Lee, Yat Lam; May, Timothy; Muench, Jeffrey; Ness, Jason; On, Chan Yuk; Polk, Louis, III; Summers, Caleb; Withers, Stephen N.	Activision Publishing, Inc.	09/19/2011	026927/0058
29/384,602	02/01/2011	Augustin, Casimero, Jr.; Kelly, Patrick; Lee, Yat Lam; May, Timothy; Muench, Jeffrey; Ness, Jason; On, Chan Yuk; Polk, Louis, III; Summers, Caleb; Withers, Stephen N.	Activision Publishing, Inc.	09/19/2011	026927/0089

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By:

Mary Le

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Name:

Title: *Sr. Director*

7/31/12

Date